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Jansky

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(54) **TOY VEHICLE DEVICE**

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A63H 29/14 (2006.01)

(52) **U.S. Cl.**
CPC ***A63H 17/26*** (2013.01); ***A63H 29/14*** (2013.01)

(58) **Field of Classification Search**
CPC A63H 17/00; A63H 17/008; A63H 2018/165; A63H 33/28
USPC 446/16, 193, 267, 457
See application file for complete search history.

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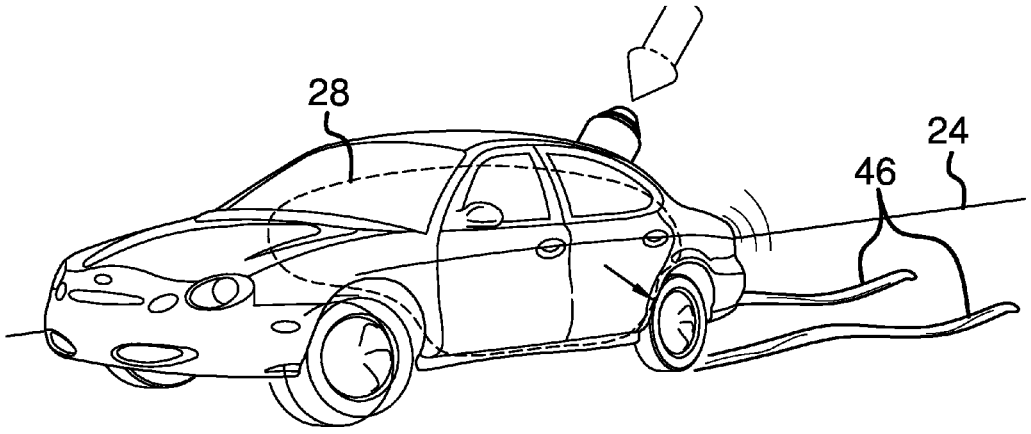
(57) **ABSTRACT**

A toy vehicle assembly includes a housing structured to resemble a vehicle. A plurality of wheels is rotatably coupled to the housing such that each of the wheels may roll along a support surface. A sponge is positioned within the housing wherein the sponge may retain a fluid within the housing. An actuator is coupled to the housing. The actuator is engaged by a user such that the actuator urges the sponge onto the wheels. Thus, the sponge deposits the fluid onto the wheels wherein the wheels may leave skid marks on the support surface when the housing is rolled along the support surface.

3 Claims, 3 Drawing Sheets



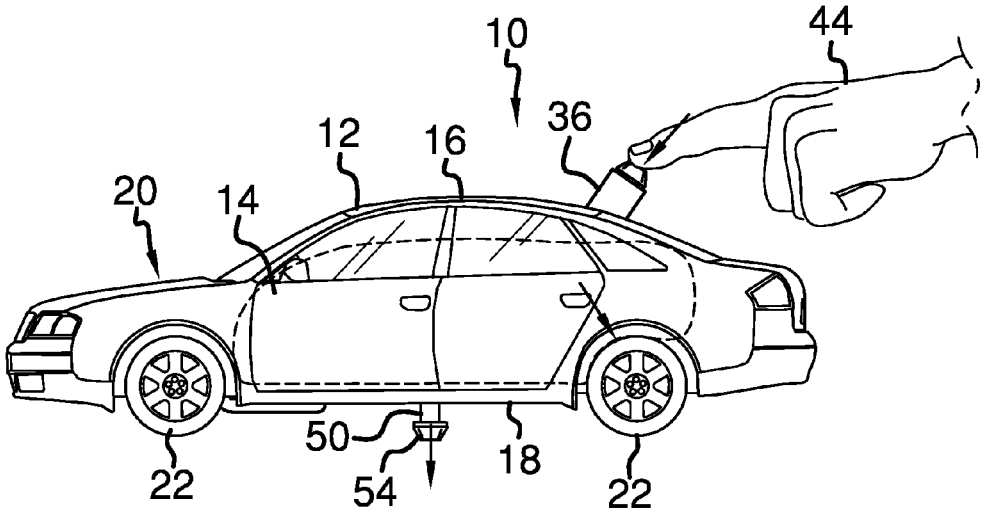

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FIG. 1

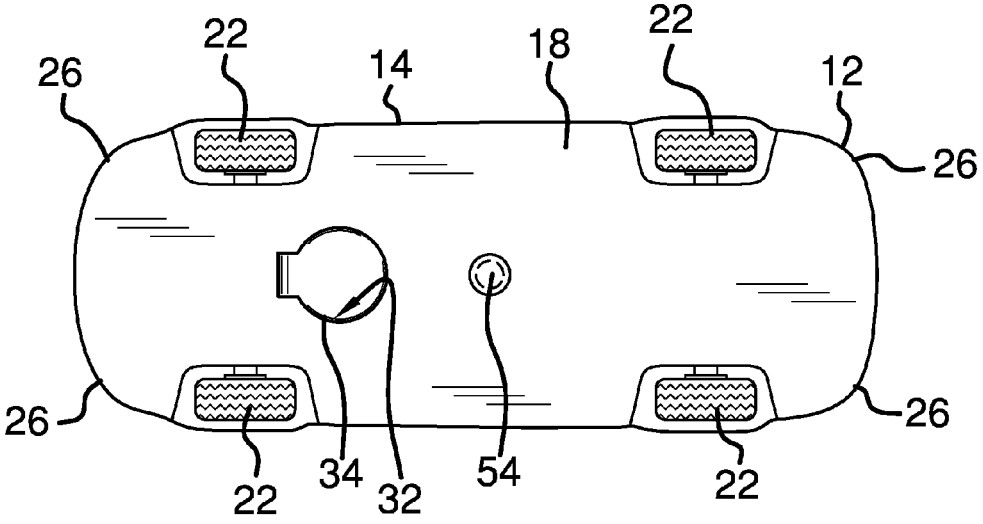
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FIG. 2

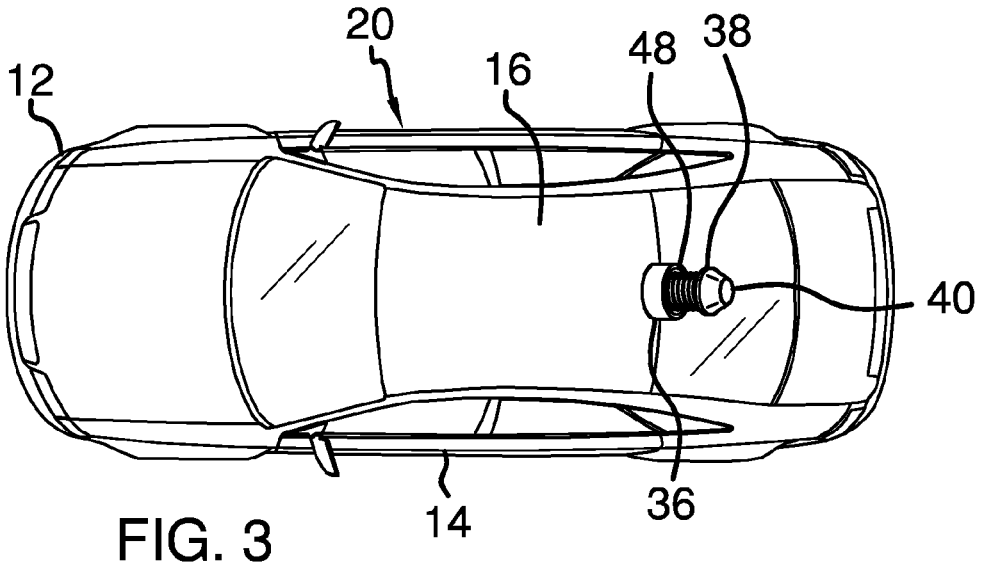

FIG. 3

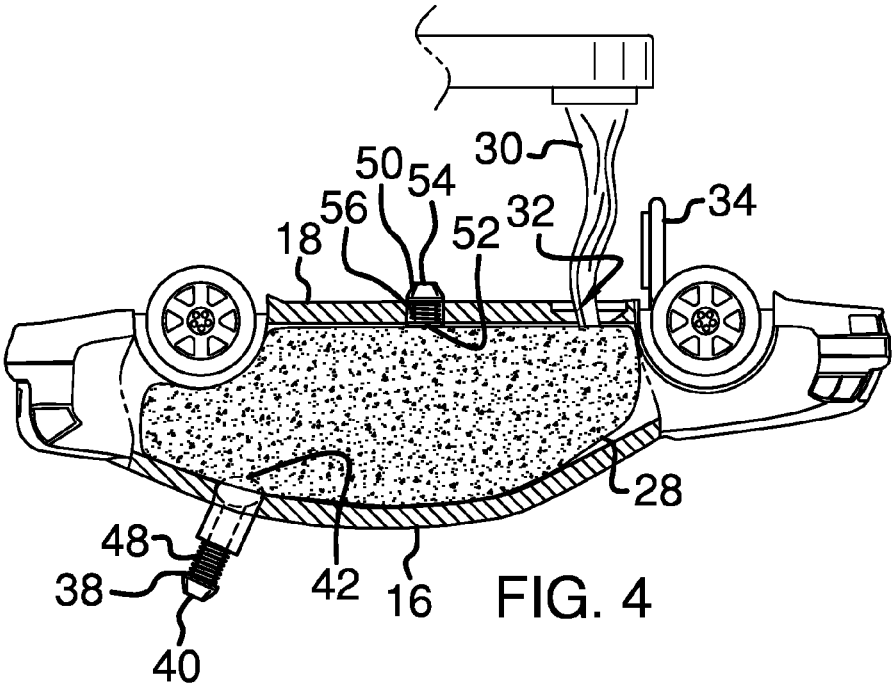

FIG. 4

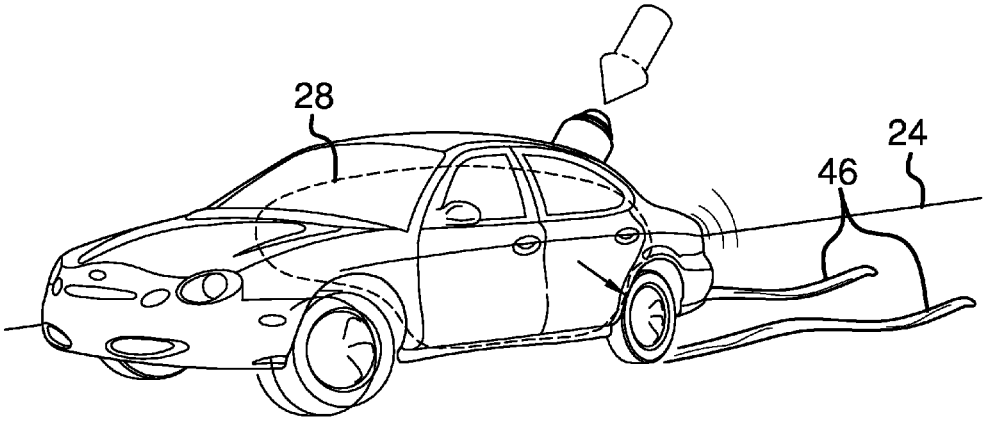

FIG. 5

TOY VEHICLE DEVICE

BACKGROUND OF THE DISCLOSURE

Field of the Disclosure

The disclosure relates to toy devices and more particularly pertains to a new toy device for leaving vehicle skid marks on a support surface.

SUMMARY OF THE DISCLOSURE

An embodiment of the disclosure meets the needs presented above by generally comprising a housing structured to resemble a vehicle. A plurality of wheels is rotatably coupled to the housing such that each of the wheels may roll along a support surface. A sponge is positioned within the housing wherein the sponge retains a fluid within the housing. An actuator is coupled to the housing. The actuator is engaged by a user such that the actuator urges the sponge onto the wheels. Thus, the sponge deposits the fluid onto the wheels such that the wheels leave skid marks on the support surface when the housing is rolled along the support surface.

There has thus been outlined, rather broadly, the more important features of the disclosure in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the disclosure that will be described hereinafter and which will form the subject matter of the claims appended hereto.

The objects of the disclosure, along with the various features of novelty which characterize the disclosure, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

BRIEF DESCRIPTION OF THE DRAWINGS

The disclosure will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

FIG. **1** is a left side view of a toy vehicle assembly according to an embodiment of the disclosure.

FIG. **2** is a bottom view of an embodiment of the disclosure.

FIG. **3** is a top view of an embodiment of the disclosure.

FIG. **4** is a left side cutaway view of an embodiment of the disclosure.

FIG. **5** is an in-use view of an embodiment of the disclosure.

DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference now to the drawings, and in particular to FIGS. **1** through **5** thereof, a new toy device embodying the principles and concepts of an embodiment of the disclosure and generally designated by the reference numeral **10** will be described.

As best illustrated in FIGS. **1** through **5**, the toy vehicle assembly **10** generally comprises a housing **12**. The housing **12** has an outer wall **14** extending between a top wall **16** and a bottom wall **18** of the housing **12**. Additionally, the housing **12** is structured to resemble a vehicle **20**. Each of a plurality of wheels **22** is rotatably coupled to the bottom wall **18** of the housing **12** such that each of the wheels **22** can roll along a support surface **24**. Each of the wheels **22** is positioned adjacent to an associated one of four corners **26** of the housing **12**.

A sponge **28** is positioned within the housing **12**. The sponge **28** retains a fluid **30** within the housing **12**. The fluid **30** may be water. The bottom wall **18** of the housing **12** has an opening **32** extending therethrough. The opening **32** receives the fluid **30** such that the fluid **30** is absorbed by the sponge **28**. A cap **34** is removably coupled to the bottom wall **18** of the housing **12**. The cap **34** closes the opening **32**.

A sleeve **36** is provided. The sleeve **36** is coupled to the top wall **16** of the housing **12**. The sleeve **36** is in fluid communication with an interior of the housing **12**. An actuator **38** is provided. The actuator **38** has a top end **40** and a bottom end **42**. Moreover, the actuator **38** is elongated between the top **40** and bottom **42** ends.

The bottom end **42** of the actuator **38** is slidably positioned within the sleeve **36**. Thus, the bottom end **42** of the actuator **38** extends inwardly into the housing **12** and urges the sponge **28** downwardly onto the wheels **22** when a user **44** engages the top end **40** of the actuator **38**. The actuator **38** urges the sponge **28** onto the wheels **22**. Consequently, the sponge **28** deposits the fluid **30** onto the wheels **22** wherein the wheels **22** leave skid marks **46** on the support surface **24** when the housing **12** is rolled along the support surface **24**. A first spring biasing member **48** is coupled around the actuator **38**. The first spring biasing member **48** biases the actuator **38** outwardly from the housing **12**.

A post **50** is provided. The post **50** has an upper end **52** and a lower end **54**. Additionally, the post **50** is elongated between the upper **52** and lower **54** ends. The upper end **52** of the post **50** is movably coupled to the bottom wall **18** of the housing **12**.

A second spring biasing member **56** is coupled around the post **50**. The second spring biasing member **56** biases the post **50** upwardly into the housing **12**. The upper end **52** of the post **50** urges the sponge **28** upwardly away from the wheels **22**. Thus, the sponge **28** does not deposit the fluid **30** onto the wheels **22** until the user **44** engages the actuator **38**.

In use, the housing **12** is rolled along the support surface **24**. The user **44** engages the actuator **38** when the user **44** wishes to leave the skid marks **46** on the support surface **24**. Additional fluid **30** is added through the opening **32** when the sponge **28** is depleted of the fluid **30**.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of an embodiment enabled by the disclosure, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by an embodiment of the disclosure.

Therefore, the foregoing is considered as illustrative only of the principles of the disclosure. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the disclosure to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the disclosure. In this patent document, the word "comprising" is used in its non-limiting sense to mean that items following the word are included, but items not specifically mentioned are not excluded. A reference to an element by the indefinite article "a" does not exclude the possibility that more than one of the element is present, unless the context clearly requires that there be only one of the elements.

I claim:

1. A toy vehicle assembly comprising:

a housing structured to resemble a vehicle, said housing having an outer wall extending between a top wall and a bottom wall of said housing;

a plurality of wheels each being rotatably coupled to said housing such that each of said wheels is configured to roll along a support surface;

a sponge positioned within said housing wherein said sponge is configured to retain a fluid within said housing, said bottom wall of said housing having an opening extending therethrough wherein said opening is configured to receive the fluid such that the fluid is absorbed by said sponge; and

an actuator coupled to said housing, said actuator being engaged by a user such that said actuator urges said sponge onto said wheels having said sponge depositing the fluid onto said wheels wherein said wheels are configured to leave skid marks on the support surface when said housing is rolled along the support surface; and

a post having an upper end and a lower end, said post being elongated, said upper end of said post being movably coupled to said bottom wall of said housing, said upper end of said post urging said sponge upwardly away from said wheels wherein said sponge does not deposit the fluid onto said wheels until the user engages said actuator.

2. The assembly according to claim 1, further comprising a bottom end of said actuator extending inwardly into said housing and urging said sponge downwardly onto said wheels when the user engages said top end of said actuator.

3. A toy vehicle assembly comprising:

a housing, said housing having an outer wall extending between a top wall and a bottom wall of said housing wherein said housing is structured to resemble a vehicle;

a plurality of wheels each being rotatably coupled to said bottom wall of said housing such that each of said wheels is configured to roll along a support surface;

a sponge positioned within said housing wherein said sponge is configured to retain a fluid within said housing;

said bottom wall of said housing having an opening extending therethrough wherein said opening is configured to receive the fluid such that the fluid is absorbed by said sponge;

an actuator, said actuator having a top end and a bottom end, said actuator being elongated, said bottom end of said actuator being coupled to said top wall of said housing, said bottom end of said actuator extending inwardly into said housing and urging said sponge downwardly onto said wheels when a user engages said top end of said actuator such that said actuator urges said sponge onto said wheels, said sponge depositing the fluid onto said wheels wherein said wheels are configured to leave skid marks on the support surface when said housing is rolled along the support surface; and

a post having an upper end and a lower end, said post being elongated, said upper end of said post being movably coupled to said bottom wall of said housing, said upper end of said post urging said sponge upwardly away from said wheels wherein said sponge does not deposit the fluid onto said wheels until the user engages said actuator.

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